

VEHICLE LOAD WARNING SYSTEM

ABSTRACT OF THE DISCLOSURE

A load warning system for use with a vehicle having a load-support portion, a frame, and a vehicle-support portion movably coupled to the frame. The system has an engagement portion mountable to the vehicle-support portion or the frame and is movable therewith as a unit. A load indicator is mountable to the other one of the vehicle-support portion or the frame, and is spaced apart from the engagement portion when in a first position. The load indicator moves to a second position and engages the engagement portion when the frame moves a selected distance in response to the load applied to the load-support portion. The load indicator provides a signal upon being moved to the second position. A warning indicator is coupled to the load indicator and provides an improper load warning to a user in response to the signal from the load indicator. It is emphasized that this abstract is provided to comply with the rules requiring an abstract. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims (37 C.F.R. § 1.172(b)).